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# Breast Cancer in Women Under 50 on the Rise — Could Cellphones Play a Role?

*Recent studies show breast cancer is the most common cancer in women under 50, fueling longstanding concerns about a possible link between devices like cellphones and cancer.*

By Suzanne Burdick, Ph.D.

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Early-onset breast cancer is on the rise in younger women in the U.S., according to two new peer-reviewed studies, leading some experts to wonder if cellphone use could be at least partially to blame.

The authors of an Aug. 16 study in JAMA Network Open looked at the health data from 2010 to 2019 of more than half a million people in the U.S. under 50 who reported having some kind of early-onset cancer.

They concluded breast cancer in 2019 had the highest incidence rate, with 12,649 new cases reported that year.

Meanwhile, the authors of a study published Sept. 5 in BMJ Oncology looked at worldwide cancer trends from 1990-2019. Breast cancer was responsible for the largest number of cases and associated deaths among younger people, with rates of 13.7 cases and 3.5 deaths per 100,000 people, they said.

Devra Davis, Ph.D., MPH, a toxicologist and epidemiologist who for more than 40 years has studied trends in cancer and who published more than 200 peer-reviewed articles, said she found the reports "very troubling."

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Davis is the president of Environmental Health Trust (EHT), a scientific research and education nonprofit, and founding director of the Board on Environmental Studies and Toxicology of the U.S. National Research Council at the National Academy of Sciences.

She told The Defender, "A trend in cancer cannot prove what is causing it. The trend is simply a fact. So the fact is that cancer among younger Americans, particularly women, is on the rise."

Indeed, the American Cancer Society in 2022 estimated there were 47,550 cases of breast cancer in U.S. women younger than 50.

"But," Davis added, "there's clear compelling evidence that electromagnetic fields [EMFs] accelerate the growth of breast cancer cells."

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**EMFs can accelerate growth of breast cancer cells**

"We have known for nearly 30 years that EMFs can accelerate the growth of MCF-7 breast cancer cells," Davis said. "There's no debate about that."

According to Davis, MCF-7 is an estrogen receptor-positive cancer cell that has been cultured for many years and is used as a standard assay in the laboratory.

Davis said prior research showed radiofrequency (RF) radiation emitted by cellphones moves easily through fat and fluid — "and the breast is nothing but fat and fluid," she said.

Additionally, a 2020 peer-reviewed study found that excessive smartphone use "significantly increased" the risk of breast cancer, with those using cellphones for more than 4.5 minutes before bedtime having a 5.27-fold increased risk of breast cancer compared to those using a smartphone for less time.

The study authors said:

> "To the best of our knowledge, we are the first to find that excessive smartphone use significantly increased the risk of breast cancer, particularly for participants with a smartphone addiction, who maintained a close distance between the breasts and smartphone, and who had the habit of smartphone use before bedtime."

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Staring at a cellphone screen before bedtime can also suppress the natural release of melatonin, a hormone that plays a role in sleep.

Melatonin appears to protect against breast cancer, Davis said. "We know this most especially from studies of blind women because blind women naturally have very high levels of melatonin and they have half the rate of breast cancer of sighted women," she said.

Some research, however, suggests more thorough studies must be done before the link between melatonin and decreased risk of breast cancer can be proven.

Davis and several co-authors in February 2023 published a review of the latest science on pediatric health, EMFs and RF radiation in which they noted that RF radiation can act like an endocrine disruptor:

> "It appears that non-ionizing RFR has all the classic hallmarks of endocrine disruptors that affect reproduction, development of the hypothalamic-pituitary-gonadal axis (HPG) and alter normal male and female reproductive endpoints."

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According to Davis, endocrine disruptors can cause "a host of biological consequences, including breast cancer."

EHT in 2020 collaborated with the Massachusetts Breast Cancer Coalition to create an educational module for K-12 schools on the health impacts of daily RF radiation exposure and ways to reduce one's exposure, Davis said.

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**'We're going to see a whole cluster of young people with breast cancer'**

According to Davis, there have been at least five case reports of women developing breast cancer tumors where they routinely kept their cellphones in their bras.

One of the case report's authors, Dr. John West, is a former breast surgeon who more than a decade ago predicted there would be an uptick in breast cancer cases.

West told CBS News in Nov. 2012, "If there is a risk and we don't find out about it for five or ten years from now, we're going to see a whole cluster of young people with breast cancer."

West and his co-authors in 2013 published their case report of four women who carried their smartphones in their bras for up to 10 hours a day for several years, and who "developed tumors in areas of their breasts immediately underlying the phones."

"These cases," West and his co-authors said, "raise awareness of the lack of safety data of prolonged direct contact with cellular phones."

In 2016, West wrote a book about breast cancer prevention, "Prevent, Survive, Thrive: Every Woman's Guide to Optimal Breast Care," with a chapter entitled, "Your Bra: A No-Phone Zone."

That same year, Dr. Otis W. Brawley, the ACS' former chief medical officer, highlighted the potential link between cellphone radiation and cancer in a May 27, 2016, press release citing the National Toxicology Program (NTP) multi-year $30 million study showing "clear evidence" that RF radiation is associated with cancer and DNA damage. He said:

> "For years, the understanding of the potential risk of radiation from cell phones has been hampered by a lack of good science. This report from the National Toxicology Program (NTP) is good science."

Brawley said the NTP's report "marks a paradigm shift in our understanding of radiation and cancer risk."

But the "paradigm shift" Brawley referenced never took hold after the U.S. Food and Drug Administration (FDA) in 2020 dismissed the NTP study.

According to Davis, the FDA's rejection of the NTP study was "deeply flawed" and "deeply hypocritical."

The FDA in 1999 requested the NTP study cellphone radiation, she said. FDA officials were intimately involved in reviewing the study design plans.

"Then when the results came out and some people didn't like it, the FDA began to trash talk their own study," Davis said.

To this date, the FDA still claims there is not enough scientific evidence to link cellphone use to health problems, including cancer.

Breast cancer is the most common type of cancer worldwide, excluding non-melanoma skin cancer, with 2.26 million cases in 2020 noted by the World Health Organization.

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**Suzanne Burdick, Ph.D.**

Suzanne Burdick, Ph.D., is a reporter and researcher for The Defender based in Fairfield, Iowa. She holds a Ph.D. in Communication Studies from the University of Texas at Austin (2021), and a master's degree in communication and leadership from Gonzaga University (2015). Her scholarship has been published in Health Communication. She has taught at various academic institutions in the United States and is fluent in Spanish.

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**Luke Kaiser**
5 days ago edited

I read an interesting article about the toxicity of the ingredients in perfumes causing cancer especially with skin contact. Since ladies use frequently there is a serious potential correlation and generally sprayed on the front of the body.

Plus read the ingredients in most perfumes & you'll stop using it immediately.

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**Crazy 4 Color**
5 days ago

And that is for cell phones. Add the massive upgrades to cell towers going up all over the place and it brings it to a whole new level. The same goes for solar farms and wind turbines which also are emitting intense emf radiation to surrounding areas.

Our neighborhood had a massive upgraded tower put in 2 years ago, upgraded again last year. Every household in our area has either cancer, neurological disability, severe issues with sleeping, inability to walk, severe pain constantly, constant headaches, or a combination of these. One neighbor was hit hard with severe neurological disease (no issues prior) and was dead in a year.

Breast cancer is among them.

More people are telling me similar stories in their areas.

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**chris**
5 days ago

the entire world is a huge parody, in particular the science which suppose to prove something OBVIOUS, and for whatever reason it can't, because of its funding??? When talking cancer there should not be a single study out there without careful analysis of those 2 time periods:
a) year X- Dec 2020
b) Jan 2021 - year Y
the genetically modifying covid injections are REPROGRAMMING the human bodies on a MOLECULAR LEVEL, which was and still is, including epigenetics, ALWAYS related to cancer. There should be no talk about cancer in 2023 without taking into account the covid injected population, the very same way, like it should be no talk about 'climate change' without exposing the weather modification programs running for decades! The deception needs to STOP.

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**Clare Goldsberry**
5 days ago

Cell phones? Possibly. Why not make the connection to the jab. We know the jab suppresses T-cells and B-cells that can help the body fight off cancer. It seems that everyone is avoiding the elephant in the room when it comes to this -- turbo-cancers caused by the jab. I've known too many people who have died very quickly from rampant "turbo-cancer" after having the jab. I will not ignore this horrendous evidence.

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**irishtap** → Clare Goldsberry
7 hours ago

No one is suggesting you ignore evidence of 'jab causation to cancer' but, there is also evidence of radiation induced cancer. Should we ignore it?

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**Leslie Taylor** → irishtap
5 hours ago edited

People cannot tolerate the thought that their phones may be physiologically and psychologically harmful to them or others (neither can the industry nor the FCC), just like a drug or alcohol addiction. They can't be away from them and not pick them up repeatedly if put down, right in front of them of course. I'm constantly amazed at all the people in restaurants, outdoors, in cars, on bikes even staring at them. I was watching a family, both parents and three kids, walking by. The mother and the children were engaged with each other or looking around as the father plodded along behind them staring at his phone.

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**Leslie Taylor**
5 days ago edited

Barrie Trower, physicist and former microwaves expert in the Royal Navy and British Secret Service:
A brief 5:19 min. interview with Barrie Trower, formerly a Royal Navy microwaves weapons expert who studied microwaves and knows all aspects of microwave warfare (against civilians as well as soldiers). He has comprehensive knowledge of the harmful effects that microwaves can cause in the body and psyche. Microwaves were then and are now used in weapons but also telecommunication devices (cell phones, cell phone towers, WiFi, smart meters). It's a perfect weapon because you can't feel it, he says. Governments can microwave people they don't like giving them cancer or brain damage. They can cause lethargy, depression (which of course pharmaceutical is happy to prescribe antidepressants for) or feeling suicidal. They can cause the suppression of the immune system. Again, it is the same technology that is used in telecommunications devices. He had 2,500 papers by the country's best scientists from the best highly equipped laboratories. They all report that MWs can affect the eyes, heart and brain and induce cancer. At Trent University a professor showed him another 6,000 documents that he did not have = 8,200 docs in total as well as 14 peer reviewed epidemiological studies which show low level radiation causes cancer and neurological diseases. Trower states "MICROWAVES EMITTED FROM WIRELESS TECHNOLOGY ENTER AND DAMAGE THE BODY."

see more

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**Leslie Taylor**
a day ago edited

Yesterday the Defender published a tribute to Dr. Mikael Nordfors. Based on those who knew him, his life was heroic, most admirably lived and though he had endured psychological and physical difficulties leading to his death, now he is free. In contrast there was Sidney Gottleib, chief scientist for the CIA. Go to this video in Dr. Nordfors' video collection:
"Computerbrains" https://www.bitchute.com/vi...
At 7:30 min. the Times London in March 1999 featured an obituary for Sidney Gottleib, chief biologist of the CIA's MKULTRA. It compared him to the Nazi doctors in concentration camps and added that MKULTRA made this world darker. When Churchill stated that the Nazis made this world darker with their perverted science he was referring to the revolting experiments conducted in concentration camps. The London Times obituary states that Churchill's remark could also be applied to the activities of the CIA's Sidney Gottleib, calling him a Dr. Frankenstein, connecting U.S. inhabitants brains to computer systems for medical research, behavioral technology, brain experiments and surveillance. Following Gottleib's retirement he mentions the devils that he worked with in the CIA and that he had changed to the side of the angels and to make up for the evil he had done was now working with AIDS and cancer patients. Wow.
That's what these devils do, is wait until the end of their lives to desperately try and make amends for all the harm they've done. Yet, their confessions are of inestimable value. Surely there are those in the military (though I'm somewhat of aware of DARPA's similar activities) that can actually do what they're trained, entrusted and paid to do and put an end to this hideous out-of-control agency and their perverse, sadistic assaults against innocent human beings, young and old alike, worldwide.

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**Leslie Taylor**
5 days ago

In the article: "To this date, the FDA still claims there is not enough scientific evidence to link cellphone use to health problems, including cancer." They are outright lying.

Dr. Devra Davis is amazing, she is one of many heroes who refuse to give up on humanity. As well, Robert C. Kane, Ph.D. and his book "Cellular Telephone Russian Roulette" published in 2001 which I learned about from Dr. Davis [book pdf link below]. He was a developer of portable phones for Motorola, now owned by Google/Alphabet, and one of the first users as a test of its safety. He developed several brain tumors and was convinced that the cell phone was the source. His evidence and many other legitimate scientifically conducted studies were ignored. He was vilified by co-workers, the telecommunications industry and regulatory agencies. Despite all that, he kept going, pulling together numerous research findings and papers and produced the book. He died a few years before it was published.

Pg. 107 and 108 - "The memory deficits that have been observed in the laboratory rats (exposed to comparable human EMF cell phone exposures) have also been indicated in humans exposed to radiofrequency radiation. One method of monitoring such effects is by use of the electroencephalogram [EEG]" though still used, today they now have MRI and fMRI technologies (and I'm not sure those are good for us either due to the exceedingly strong magnetic fields). "Changes in EEG readings that persist for days or weeks after

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**Lisa** ↗ Leslie Taylor
5 days ago

They're not "fools"...they're EVIL!

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**Dean Jackson**
4 days ago

If the cancer is detected more on the right side, correlated with the right-handed, then we would have solid empirical evidence.

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**unacceptable views**
4 days ago

I doubt it's cell phones fully, they may play a part but it's more than likely the jabs. Add to the clot shots the terrible diets these younger folks have, the booze they drink, the stress they carry - it's a recipe for disaster.

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**irishtap** ↗ unacceptable views
7 hours ago

Well, it's obvious you didn't read the article, because there is a red line from when cell phones became more prevalent, in society, to the increase in breast cancers. Of course 'other factors' must be considered but the evidence behind EMF radiation causation to breast and other cancers is undeniable.

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